

Claims:

1. A vehicle comprising:

5 a body; and
a retractable and extendible mast assembly connected to the body.

2. The vehicle of claim 1, wherein the retractable and extendible mast assembly comprises a telescoping mast operable between a first position in which the retractable mast is retracted and a second position when the retractable mast is extended.

3. The vehicle of claim 2, wherein the telescoping mast comprises a plurality of hollow mast sections which are nested in a retracted first position and that extend by telescoping upward from the retracted first position to an extended position.

4. The vehicle of claim 3, wherein the plurality of mast sections of the mast comprise a lower mast section and an upper mast section, and optionally comprise a lower mast section, a middle mast section, and an upper mast section

5. The vehicle of claim 1, wherein the retractable and extendible mast assembly comprises a mast assembly, the mast assembly comprising a folding mast operable between a first position in which the retractable mast is folded and a second position when the retractable mast is extended.

6. The vehicle of claim 5, wherein the folding mast comprises a plurality of mast sections which are folded in a retracted first position and that extend by unfolding upward from the retracted first position to an extended position.

7. The vehicle of claim 6, wherein the plurality of mast sections of the mast comprise a lower mast section and an upper mast section and optionally comprise a lower mast section, a middle mast section, and an upper mast section

8. The vehicle of any one of claims 1-7, wherein the vehicle comprises a deck and a hull and the lower mast section is mounted to the deck and/or the hull.

5 9. The vehicle of any one of claims 1-8, optionally comprising a cord and pulley system for extending and retracting the mast assembly.

10. The vehicle of any one of claims 1-9, further comprising a means for deploying the sail for display and retracting the sail for storage within a yardarm.

10 11. The vehicle of any one of claims 1-9, wherein the means for deploying comprises a spring and flywheel assembly received in the yardarm or proximate to the yardarm for deploying the sail for display and retracting the sail for storage within the yardarm.

15 12. The vehicle of claim 1, further comprising a source of pressurized fluid and a pressure line connecting the source of pressurized fluid and the mast for extending and retracting the mast.

20 13. The vehicle of any one of claims 1 to 12, comprising rolling means for propelling the vehicle on land, wherein the rolling means comprises a plurality of wheels driven by an engine

25 14. The vehicle of any one of claims 1 to 13, comprising water displacement means for propelling the vehicle in water, wherein the water displacement means comprises an outboard or inboard motor, preferably a propeller, paddle wheel or jet drive propulsion system.

30 15. The vehicle of any one of claims 1 to 14, further comprising a seating deck for seating of passengers.

16. The vehicle of any one of claims 1 to 15, wherein the body is water tight and provides the vehicle with buoyancy in water.

17. The vehicle of any one of claims 1 to 16, wherein the mast assembly is in a retracted position during vehicle movement on land.

18. The vehicle of any one of claims 1 to 16, wherein the mast assembly is
5 extended and the sails are raised during vehicle movement on water.

19. The vehicle of any one of claims 1 to 18, wherein the mast extends to a height
above ground selected from the group of at least: 30, 40, 50, 60 or 70 feet in the
extended position and the mast retracts to a height above ground selected from the
10 group of less than: 20, 15, 14 or 13 feet in the retracted position.